

Listing of Claims

1. (Currently Amended): A mobile station for a mobile telecommunications system comprising:

a handset;

a headset for connection to a handset;

the handset including a transceiver for transmitting an outgoing call and receiving an incoming call, a processor coupled to the transceiver for providing audio signals on a first audio path to a first audio transducer in the handset and on a second audio path to a second audio transducer in the headset; and

a first user operable switch disposed in at least one of the headset and the handset, said switch configured such that the operation thereof has the effect both of initiating and/or accepting a call, and of routing audio signals to a ~~selected one of the first and second audio paths~~ said audio path corresponding to said one of said handset and said headset on which said switch is disposed regardless of whether said headset is connected to said handset.

2. (Previously Presented): A mobile station according to claim 1, wherein the audio transducer in the headset and handset each comprise a microphone and a loudspeaker.

3. (Currently Amended): A mobile station according to claim 1, further comprising a second switch and wherein the first switch is located in the handset and configured to initiate and/or accept a call and route it on the first audio path regardless of whether said headset is connected to said handset and the second switch is located in the headset and configured to initiate and/or accept a call and route it on said second audio path regardless of whether said headset is connected to said handset.

4. (Previously Presented): A mobile station according to claim 1, further including a switch controller in the processor responsive to operation of the first

switch for operating respective further switches in the first audio path and in the second audio path.

5. (Previously Presented): A mobile station according to claim 1, wherein operation of first switch during a call routed on the first audio path is operative to terminate a call.

6. (Previously Presented): A mobile station according to claim 3 wherein operation of the first switch followed by operation of the second switch, or vice versa, is effective to select the other of the selected one of the first and second audio paths.

7. (Previously Presented): A mobile station according to claim 1, arranged such that further operation of the first switch during a call routed on the selected audio path terminates a call.

8. (Currently Amended): A mobile station for a mobile telecommunications system comprising;
a handset;
a headset for connection to the handset;
the handset including a transceiver for transmitting an outgoing call and receiving an incoming call, a processor coupled to the transceiver for providing audio signals on a first audio path to a first audio transducer in the handset and on a second audio path to a second audio transducer in the headset; and
a first switch operative upon receipt of an incoming call to accept the call; and
a second switch manually operable independently of ~~the act of connecting~~
whether the headset is connected to said handset; for toggling the audio path to a selected one of the first audio path and the second audio path.

9. (Currently Amended): A mobile station for a mobile telecommunications system comprising;

a handset;
a headset for connection to the handset;
the handset including an RF transceiver for transmitting an outgoing call and receiving an incoming call, a processor coupled to the RF transceiver for providing audio signals on a first audio path to an audio transducer in the handset and on a second audio path to an audio transducer in the headset;
detecting means for detecting use of the headset or handset by the user automatically and enabling the respective first or second audio path responsive to the detection.

10. (Previously Presented): A mobile station according to claim 9, wherein the detecting means comprises a capacitance sensing means located in the handset for detecting proximity of a user's head to the handset.

11. (Previously Presented): A mobile station according to claim 9, wherein the detecting means comprises infrared sensing means located in the handset for detecting proximity of a user's head to the handset.

12. (Previously Presented): A mobile station according to claim 9, wherein the detecting means comprises acoustic impedance sensing means located in the handset for detecting of a user's head to the handset.

13. (Previously Presented): A mobile station according to claim 9, wherein the headset comprises a head band for securing the headset to a user's head and wherein the detecting means comprises a sensor located in the headboard for detecting tension in the headband.

14. (Cancelled).

15. (Currently Amended): A method of operating a mobile station for a mobile telecommunications system, the mobile station comprising a handset and a

headset for connection to the handset, the handset including a transceiver for transmitting an outgoing call and receiving an incoming call, a processor coupled to the transceiver for providing audio signals on a first audio path to an audio transducer in the headset, a first switch and a second switch, the method comprising the steps of:

monitoring the handset for receipt of an incoming call and, responsive to operation of the first switch, initiating or accepting a call and routing the call on the first audio path regardless of whether said headset is connected to said handset; and, responsive to operation of the second switch, initiating or accepting a call and routing the call on the second audio path regardless of whether said headset is connected to said handset.

16. (Previously Presented): A method according to claim 15 further comprising the steps of:

responsive to operation of the first switch during a call routed on the first audio path, terminating the call; and

responsive to operation of the second switch during a call routed on the second audio path, terminating the call.

17. (Previously Presented): A method according to claim 15, wherein the first switch is located in the handset and the second switch is located in the headset.

18. (Previously Presented): A method according to claim 17, further comprising the steps of;

responsive to operation of the first switch during a call routed on the second audio path, rerouting the call on the first audio path; and

responsive to operation of the second switch during a call routed on the first audio path, rerouting the call on the second audio path.

19. (Previously Presented): A method according to claim 15, wherein initiating a call comprises one of accepting an incoming call and starting an outgoing

call.

20. (Previously Presented): A method according to claim 15, wherein at least one of the first and second switches are operated automatically via detection of use of the handset and/or headset, respectively.

21. (Previously Presented): A method according to claim 15, wherein said step of automatically detecting comprises detecting proximity of the handset to a user's head via capacitance change as the handset is brought within vicinity of a user's head.

22. (Previously Presented): A method according to claim 15, wherein said step of automatically detecting comprises detecting proximity of the handset to a user's head via infrared sensing.

23. (Previously Presented): A method according to claim 15, wherein said step of automatically detecting comprises detecting proximity of the handset to a user's head via acoustic impedance sensing.

24. (Previously Presented): A method according to claim 15, wherein said step of automatically detecting comprises detecting tension in a headband of the headset.